ESCRICK

RURAL DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

1910.

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ANNUAL REPORT

OF THE MEDICAL OFFICER OF HEALTH FOR THE ESCRICK RURAL DISTRICT COUNCIL FOR THE YEAR 1910.

Mill Mount,
York,
February 11th, 1911.

To the Chairman and Members of the Escrick Rural District Council.

Gentlemen,

I have the honour of submitting for your consideration my Report for the year 1910:—

The area of the District is 30,292 acres.

The population, 5,214.

BIRTH-RATE.

The births registered are 113, 67 males and 46 females; 4 males are illegitimate. The birth-rate is 21·6 per 1,000 of the population. The average for the previous ten years was 24·4. The rate for England and Wales for 1910 is 24·8.

DEATH-RATE.

The deaths registered are 84, 55 males and 29 females, giving a death-rate of 16·1 per 1,000 of the population. The average for the previous ten years was 13·2. Deducting the deaths in the City Asylum and non-residents, and adding the deaths of residents registered in Public Institutions outside the District, we get a total of 56 deaths and a rate of 10·7. The death-rate for England and Wales for 1910 was 13·4.

The infantile mortality per 1,000 births registered is 62, against 15 in 1909, giving a rate of 1·3. The average for the previous ten years was 1·7. The mortality for England and Wales was 106 per 1,000.

CAUSES OF DEATH DURING THE YEAR 1910.

There were 56 deaths, as follows (these do not include deaths in the City Asylum or non-residents, but include deaths of residents in Public Institutions beyond the District):—Whooping Cough, 1; Enteric Fever, 1; Influenza, 1; Enteritis, 1; Phthisis, 5; Cancer, 11; Bronchitis, 3; Pneumonia, 4; Heart Disease, 12; all other causes, 17.

For the Escrick locality there were 35, against 33 in 1909.

For the Dunnington locality there were 21, against 18 in 1909.

The Zymotic death-rate is ·3 per 1,000 of the population; the rate for 1909 was ·1.

CASES OF SICKNESS REPORTED UNDER THE NOTIFICATION OF INFECTIOUS DISEASES ACT.

There were 7, against 19 in 1909:—Diphtheria, 5; Scarlet Fever, 1; Enteric Fever, 1.

Enteric Fever.—During the year only 1 case was notified, against 4 in 1909. The case was that of a man, aged 36, who resided at West Cottage, Hagg Lane, Dunnington. On my visit, which was on the 8th October, I found the drainage in an unsatisfactory condition and the ashpit uncemented. The water, which was obtained from a surface well, I tested and found contaminated. The Fever was of a severe type, and the man unfortunately died at the York County Hospital. A new well is to be provided, and the insanitary conditions complained of are to be rectified at the earliest possible date.

Scarlet Fever.—1 case; in 1909 there were 11. The patient, aged 19, was on a visit to Naburn Hall, and a few days after his arrival began with Fever. He was removed to the York Fever Hospital, and the rooms, bedding, etc., thoroughly

stoved and disinfected. From the history, I gathered that the Fever had most probably been contracted prior to his visit.

Diphtheria.—There were 5 cases of this disease notified during the year. Of these, 2 occurred at Rose Cottage, Fulford; 1 in March and the other in April. On my visit, immediately after the occurrence of the former case, I was unable to trace any cause. This case was not removed to the Fever Hospital, but was treated at home. A month later the mother developed the disease and was removed forthwith to the Hospital. In the middle of December, 3 further cases occurred at Dunnington. The first was that of a child, aged 6, in a cottage in Church Street, in which several insanitary conditions were found which were in themselves sufficient to explain the outbreak. Three days later the other 2 cases showed themselves in a neighbouring cottage at which there were no insanitary conditions worthy of note, but the children had been in contact with the former case. The earlier case was treated at home, the 2 later were removed to the Fever Hospital. All the cases recovered.

MISCELLANEOUS DISEASES NOT COMING UNDER THE ACT.

Chicken Pox was prevalent among the school children at Fulford during the month of March, and at Naburn during July. An epidemic of Whooping Cough occurred at Dunnington in August, and at Naburn in December. Measles were prevalent at Wheldrake in November.

THE ROUTINE TREATMENT OF CASES COMING UNDER THE NOTIFICATION OF INFECTIOUS DISEASES ACT.

As far as possible, and unless there are special circumstances prevailing, all cases are removed to the York Fever Hospital as they occur. All bedding and clothing that might be presumed to be infected are removed, under the supervision of the Inspector, to the York Disinfecting Station, for the requisite purification. The rooms are thoroughly stoved with formalin, by means of the Alformant A apparatus. All swabs and pathological material from

cases of Diphtheria and other Fevers are sent to the Clinical Research Association in London for expert examination, as arranged by Dr. Mitchell Wilson, and has been found to work very satisfactorily. I have systematically put into force the Rules for the Exclusion of School Children owing to outbreaks of Infectious Disease, a copy of which I received from Dr. Wilson.

WATER SUPPLY OF THE DISTRICT.

From financial and other considerations, the provision of a wholesome water supply for the District—the necessity for which was clearly shown by the analyses of Dr. Mitchell Wilson and Mr. Fairley in 1903—has not yet been possible, but it is recognized by the Council that the desirability continues. Several samples tested by me and examined by public analysts show a similar state of things to those existing in 1903, following which it may be mentioned several new wells have been sunk.

PUBLIC SCAVENGING.

As stated in my Report of last year, the pan system is being extended wherever possible, failing the adoption in the District of a system of Public Scavenging, which, as you know, I have constantly advocated. The ordinary privies and ashpits, unless regularly and carefully cleansed, are sources of danger to the public health.

VILLAGE SEWERAGE.

While there have been some minor improvements in the systems of drainage in Heslington and Fulford, no important advance has been made in the District as a whole. The settling tank at Fulford continues to give satisfaction.

DAIRIES, COWSHEDS, &c.

On April 19th I received a letter from the County Medical Officer of Health asking me for the number of Cowsheds registered in the District. I had to reply that no proper register was kept, but that the Inspector kept one for his own use, which contained references to 15 Cowsheds. As you are aware, this

subject has been brought to your notice by me on several previous occasions. During the year 40 inspections have been made by the Inspector, and he finds that the conditions are, on the whole, fairly satisfactory.

FACTORIES AND WORKSHOPS ACTS.

During the year 17 inspections were made, and no defects calling for special notice were reported.

THE FEEDING AND REARING OF INFANTS.

In view of the increase of the infantile mortality from 15 per 1,000 births registered last year to 62 in the present year, I would recommend the redistribution of the pamphlet previously issued at the suggestion of Dr. Mitchell Wilson.

During the year two measures of special importance have been put in force by the Council, namely, the free supply of Diphtheria Antitoxin to medical men attending cases of Diphtheria, and the voluntary notification of cases of Phthisis. Besides this, permission has been given to your Medical Officer to call in the services of a Veterinary Surgeon in cases of suspected tubercle in milk cows.

HOUSING, TOWN PLANNING, &c., ACT, 1909.

Next year the Regulations under this Act will be put in force in this District. The Act will be, in my opinion, of inestimable value to the public health of the District, if it is faithfully carried out.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

ALWYN RAIMES, M.D.,

Medical Officer of Health.

ESCRICK RURAL DISTRICT COUNCIL.

INSPECTOR OF NUISANCES' REPORT FOR YEAR 1910.

Houses disinfected	6
Privies repaired or made into Closets, with pan ...	3
Houses newly drained, or drains repaired	8
New wells sunk	2
Notices to remove manure	3
Number of visits to Cowsheds, &c. (these were found satisfactory on the whole)	40
Visits to Factory and Workshops (these are satisfactory)	17

The settling tank at Fulford.—The sewage treated with alumino-ferric continues to answer well.

HY. LECKENBY.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1910 AND PREVIOUS YEARS.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Net Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births registered	Number.	Rate.*				Number.	Rate.*
1900	5,272	125	23·7	12	2·2	61	11·5	—	—	—	—	—
1901	5,214	124	23·7	12	2·3	63	12·0	—	—	—	—	—
1902	,,	140	26·8	13	2·4	80	15·3	—	—	—	79	15·1
1903	,,	117	22·4	13	2·4	59	11·3	—	—	—	64	12·2
1904	,,	131	25·1	16	3·0	57	10·9	—	—	10	65	12·4
1905	,,	131	25·1	15	2·8	75	14·3	—	—	6	78	14·9
1906	,,	141	27·0	10	1·9	76	14·5	20	20	4	59	11·3
1907	,,	139	26·6	12	2·3	99	18·9	31	31	6	70	13·4
1908	,,	120	23·0	7	1.3	84	16·1	35	35	6	51	9·7
1909	,,	127	24·3	2	0·3	72	13·7	24	24	4	51	9·7
Averages for Years 1900 – 1909.	5,219$\frac{4}{5}$	129$\frac{1}{2}$	24·4	11$\frac{1}{5}$	1·7	72$\frac{3}{5}$	13$\frac{2}{5}$	—	—	—	—	—
1910	5,214	113	21·6	7	1·3 (62 p. 1,000)	84	16·1	34	34	6	56	10·7

* The rates in these columns are calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water), 30,292.

Total population at all ages, 5,214 ; number of inhabited houses, 1,086 ; average number of persons per house, 5—at Census of 1901.

Institutions within the District receiving sick and infirm persons from outside the District	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions, the deaths in which have been distributed among the several localities in the District.
The York City Asylum.	York Union Workhouse. York County Hospital.	None.

Is the Union Workhouse within the District ? No.

Included in the deaths in Public Institutions are deaths of non-residents drowned in the River Ouse.

VITAL STATISTICS OF SEPARATE LOCALITIES IN 1910 AND PREVIOUS YEARS.

Names of Localities.	Escrick.				Dunnington.				York City Asylum. (Escrick.)
Year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Deaths at all Ages.
1900 ..	2,662	52	22	6	1,442	41	20	5	—
1901 ..	3,807	91	44	7	1,407	33	19	5	—
1902 ..	,,	94	57	9	,,	46	23	4	—
1903 ..	,,	91	34	10	,,	26	25	3	—
1904 ..	,,	91	41	10	,,	40	16	7	—
1905 ..	,,	95	52	8	,,	36	23	7	—
1906 ..	,,	98	44	7	,,	43	12	3	20
1907 ..	,,	100	36	8	,,	39	34	4	31
1908 ..	,,	86	37	5	,,	34	14	2	35
1909 ..	,,	97	31	2	,,	30	20	0	24
Averages of Years 1900 to 1909 ..	3,692½	89½	39⅘	7⅕	1,410½	36⅘	20⅗	4	—
1910 ..	3,807	84	37	5	1,407	29	19	2	30

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1910.

Notifiable Disease.	Cases Notified in whole District.						Total Cases notified in each Locality.			No. of Cases removed to Hospital from each Locality.		
	At all Ages.	At Ages—Years.										
		1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	E.	D.	City Asyl'm (E).	E.	D.	Total Cases removed to Hospital.
Diphtheria (including Membranous croup) ..	5	1	3	—	1	—	2	3	—	1	2	3
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	1	—	—	1	—	—	—	—	—	1	—	1
Enteric Fever	1	—	—	—	1	—	—	1	—	—	1	1
Puerperal Fever	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	7	1	3	1	2	—	2	4	—	2	3	5

Isolation Hospitals—York Fever, Escrick Smallpox Hospital, and York County Hospital (the latter for Typhoid cases occasionally).

City Asylum has its own Isolation Ward.

Total available beds—Variable. Number of diseases that can be concurrently treated—All infectious.

CAUSES OF, AND AGES AT, DEATH DURING YEAR 1910.

Causes of Death.	Deaths at the subjoined ages of Residents whether occurring in or beyond the District.							Deaths at a ages of Residents belonging to Localities, whether occurring in or beyond the District.		Total Deaths whether of Residents or Non-Residents in Public Institutions in the District.
	All Ages.	Under 1 Year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	E.	D.	
Whooping Cough ..	1	1	—	—	—	—	—	—	1	—
Fever, Enteric ..	1	—	—	—	—	1	—	—	1	—
Epidemic Influenza	1	—	—	—	—	1	—	1	—	1
Diarrhœa	—	—	—	—	—	—	—	—	—	—
Enteritis	1	—	—	—	—	1	—	—	1	—
Erysipelas	—	—	—	—	—	—	—	—	—	—
Phthisis (Pulmonary Tuberculosis) ..	5	—	—	1	2	2	—	4	1	—
Other tuberculous diseases	—	—	—	—	—	—	—	—	—	—
Cancer, malignant disease	11	—	—	—	—	3	8	7	4	2
Bronchitis	3	1	1	—	—	—	1	1	2	2
Pneumonia	4	1	2	—	1	—	—	3	1	7
Pleurisy	—	—	—	—	—	—	—	—	—	—
Other diseases of Respiratory organs	—	—	—	—	—	—	—	—	—	—
Alcoholism) Cirrhosis of Liver)	—	—	—	—	—	—	—	—	—	—
Premature Birth ..	—	—	—	—	—	—	—	—	—	—
Diseases and accidents of parturition	—	—	—	—	—	—	—	—	—	—
Heart Diseases ..	12	—	—	—	2	2	8	5	7	3
Accidents	—	—	—	—	—	—	—	—	—	—
Suicides	—	—	—	—	—	—	—	—	—	—
All other Causes ..	17	5	—	—	—	3	9	14	3	15
All Causes ..	56	8	3	1	5	13	26	35	21	30

INFANTILE MORTALITY DURING THE YEAR 1910.

DEATHS FROM STATED CAUSES IN WEEKS AND MONTHS UNDER ONE YEAR OF AGE.

CAUSE OF DEATH.	1—2 Weeks.	3—4 Weeks.	Total under 1 Month.	1—2 Months.	5—6 Months.	6—7 Months.	9—10 Months.	10—11 Months.	Total Deaths under 1 Year.
ALL CAUSES.—Certified ..	—	—	—	—	—	—	—	—	—
COMMON INFECTIOUS DISEASES—									
Whooping Cough	—	—	—	—	1	—	—	—	1
WASTING DISEASES—									
Premature Birth	—	—	—	—	—	1	—	—	1
Congenital Defects ..	—	1	1	—	—	—	—	—	1
Atrophy, Debility, Marasmus	—	—	—	1	—	—	—	—	1
OTHER CAUSES—									
Convulsions	1	—	1	—	—	—	—	—	1
Bronchitis	—	—	—	—	—	—	—	1	1
Pneumonia	—	—	—	—	—	—	1	—	1
Other Causes	—	—	—	—	—	1	—	—	1
TOTALS	1	1	2	1	1	2	1	1	8

Births in the year—Legitimate, 109 ; Illegitimate, 4.

Deaths in the year of Legitimate infants, 8 ; Illegitimate infants, no note.

Deaths from all causes at all ages, 84.

Population (estimated to middle of 1910), 5,214.

FACTORIES AND WORKSHOPS INSPECTIONS.

1.—INSPECTIONS.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

	Inspections.
Factories (including Factory Laundries)	7
Workshops (including Workshop Laundries)..	10
Total	17

2.—DEFECTS FOUND.—None.

3.—HOME WORK.

NATURE OF WORK.	Outworkers' Lists, Section 107. Addresses of Outworkers. Received from other Councils.	Inspections of Outworkers' premises.
Wearing Apparel—Making, &c.	1	1

4.—REGISTERED WORKSHOPS.—Nine.